

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

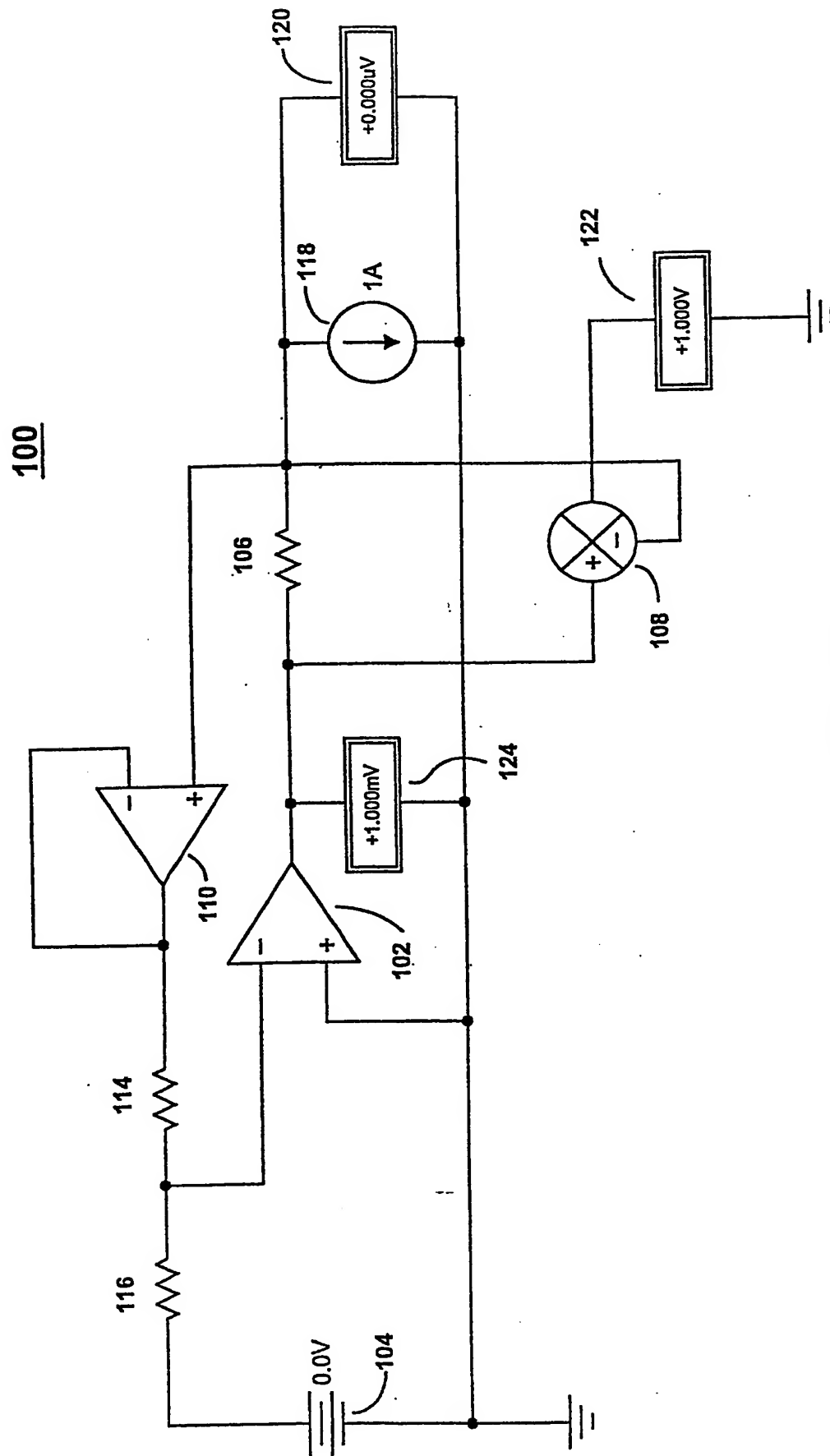
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



PRIOR ART

Fig. 1A

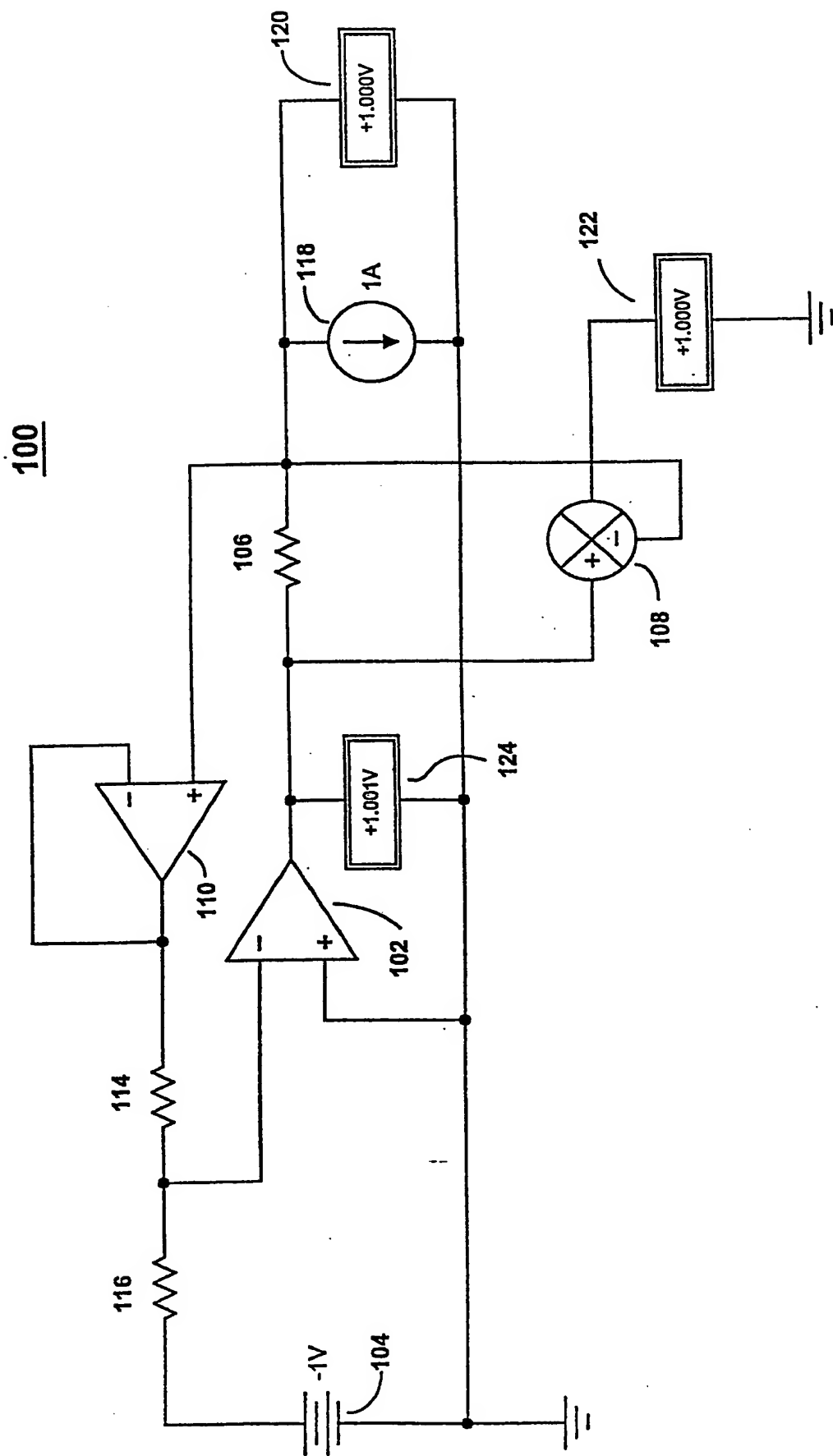


Fig. 1B

PRIOR ART

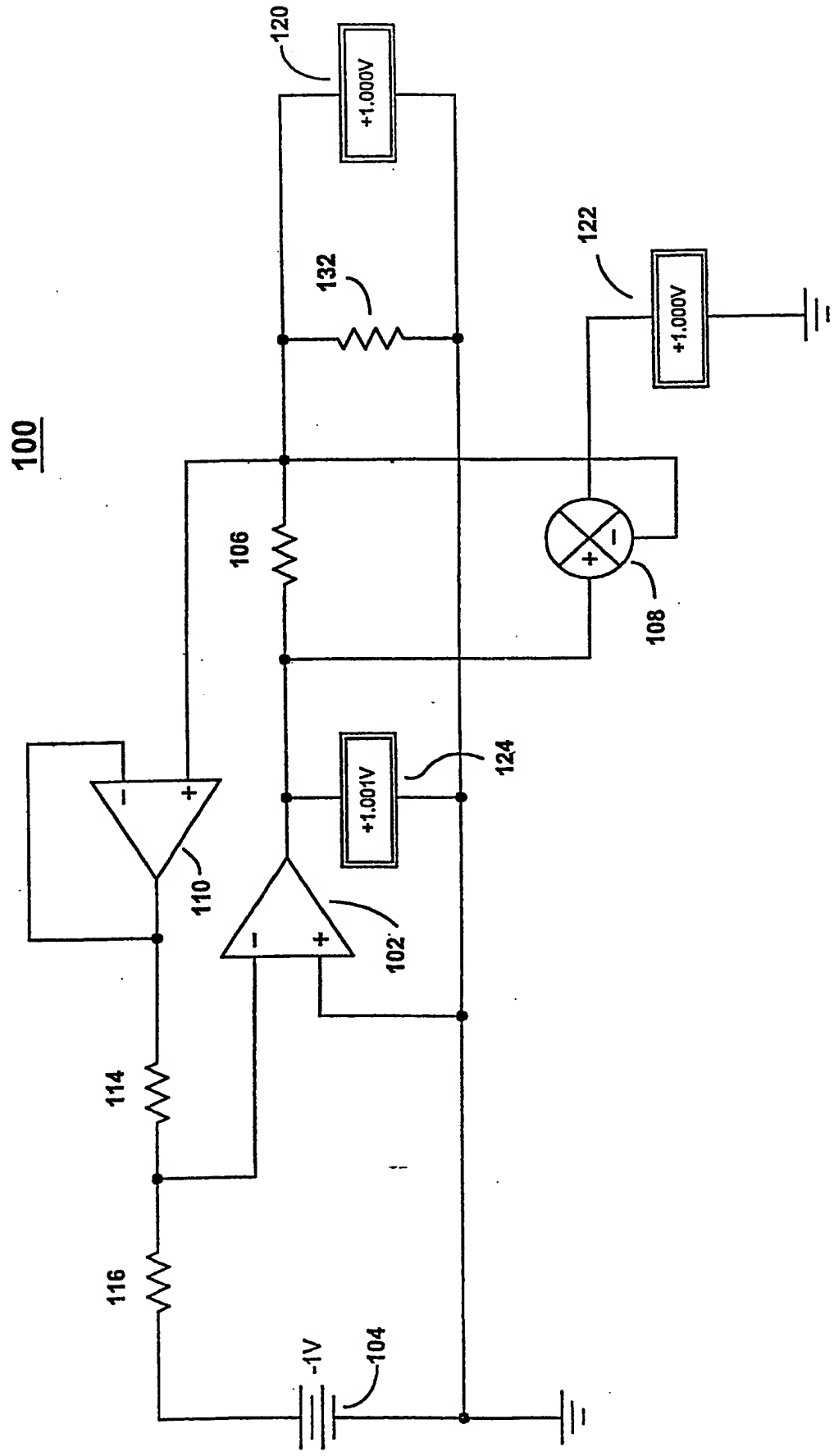


Fig. 1C

PRIOR ART

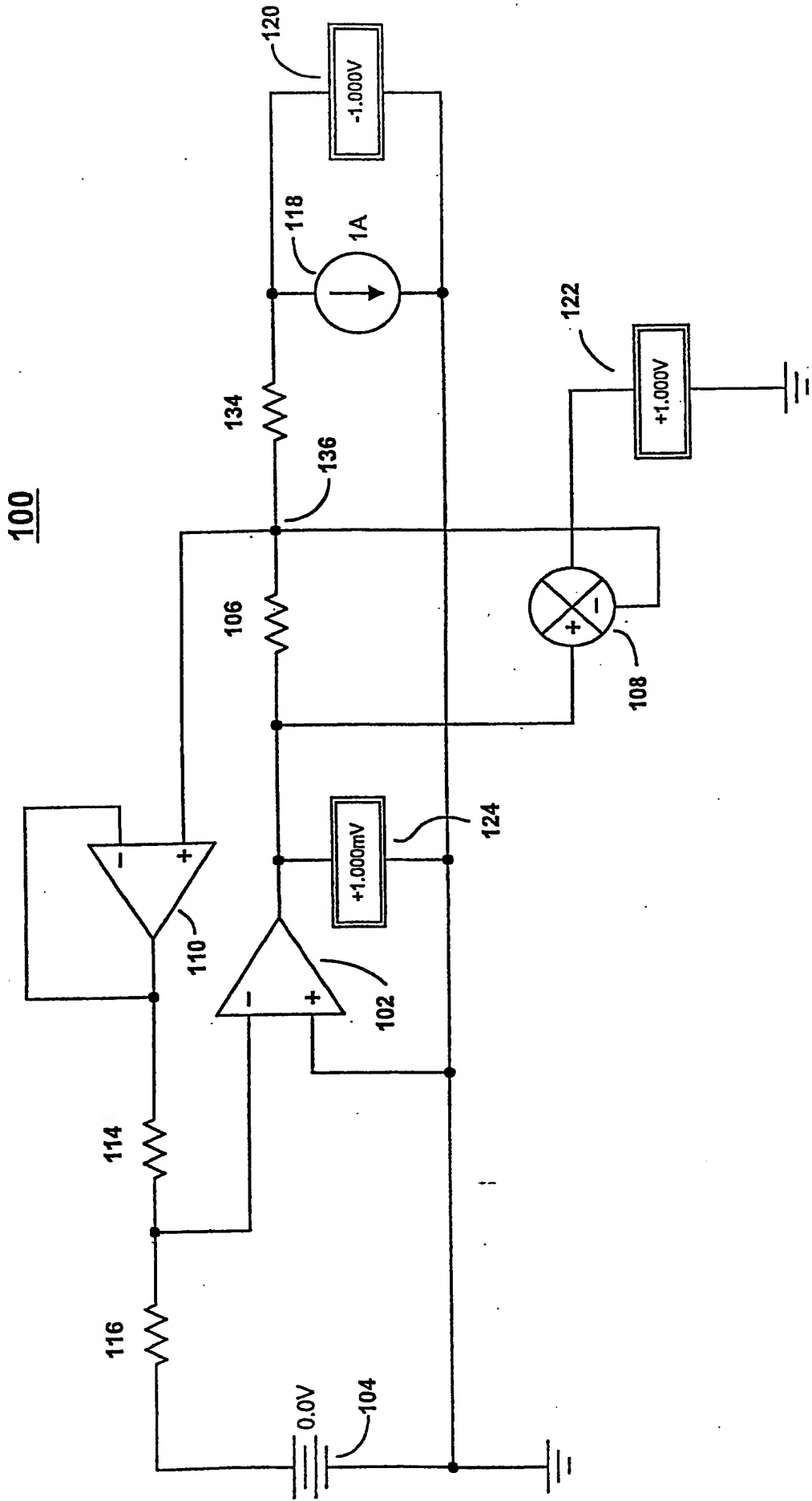


Fig. 1D

PRIOR ART

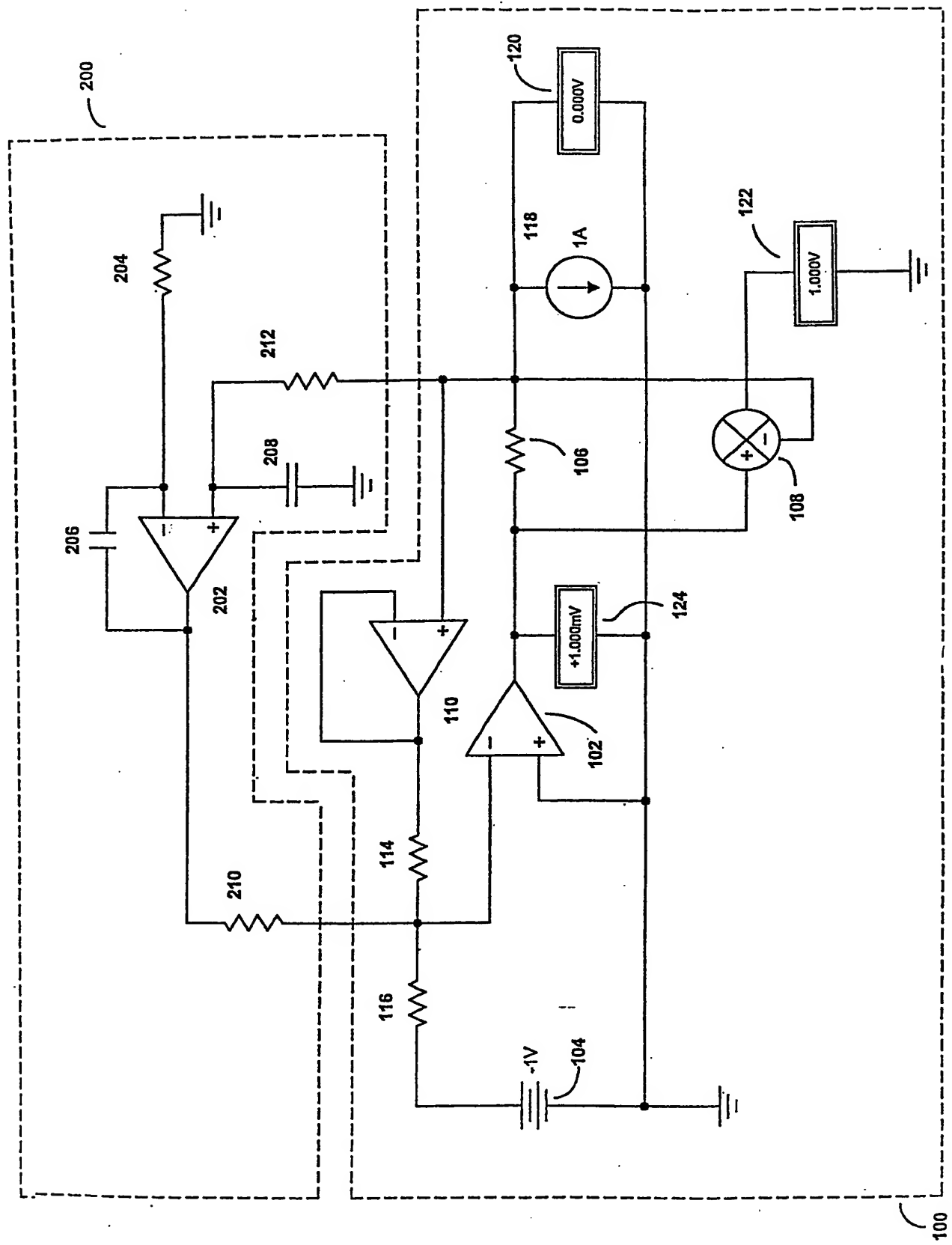
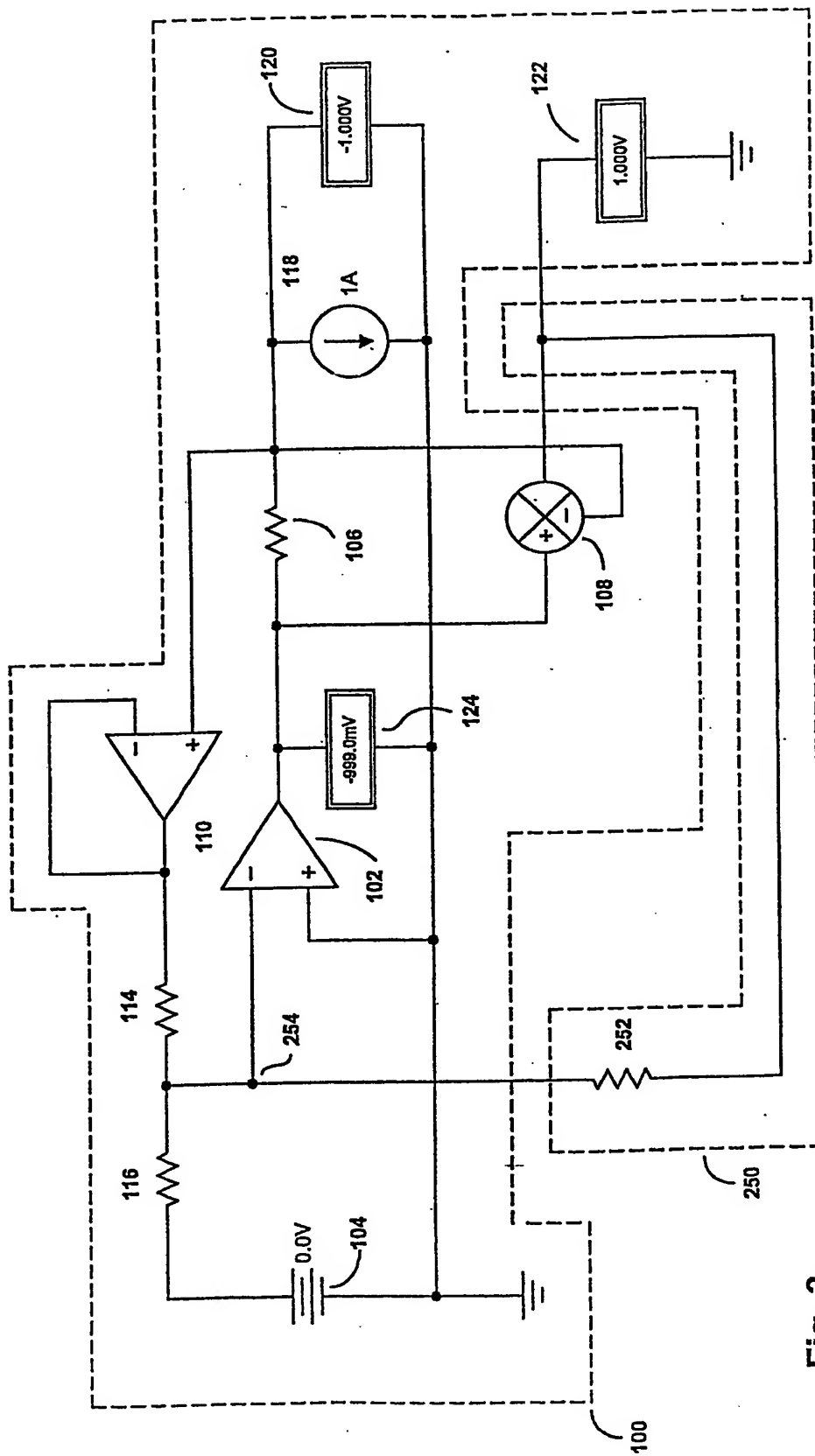
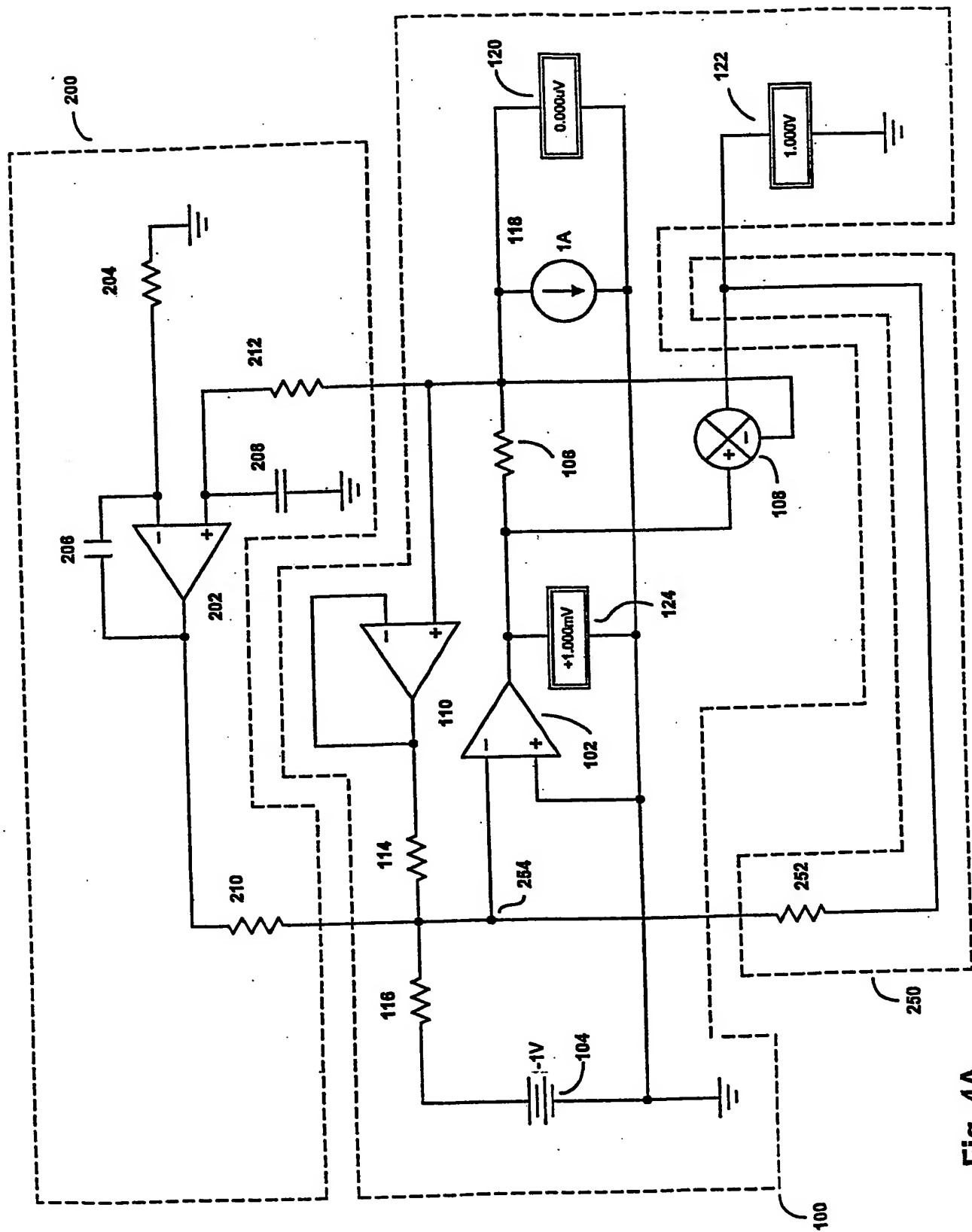


Fig. 2 PRIOR ART



**Fig. 3**

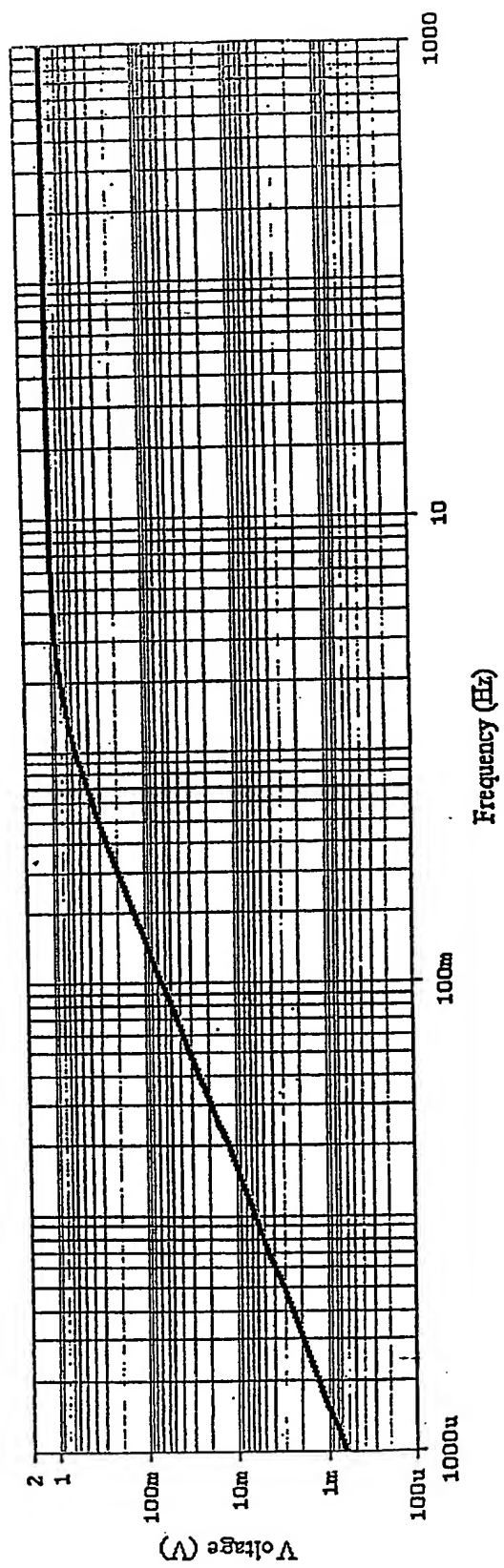
**PRIOR ART**



PRIOR ART

Fig. 4A





**Fig. 4B**

**PRIOR ART**

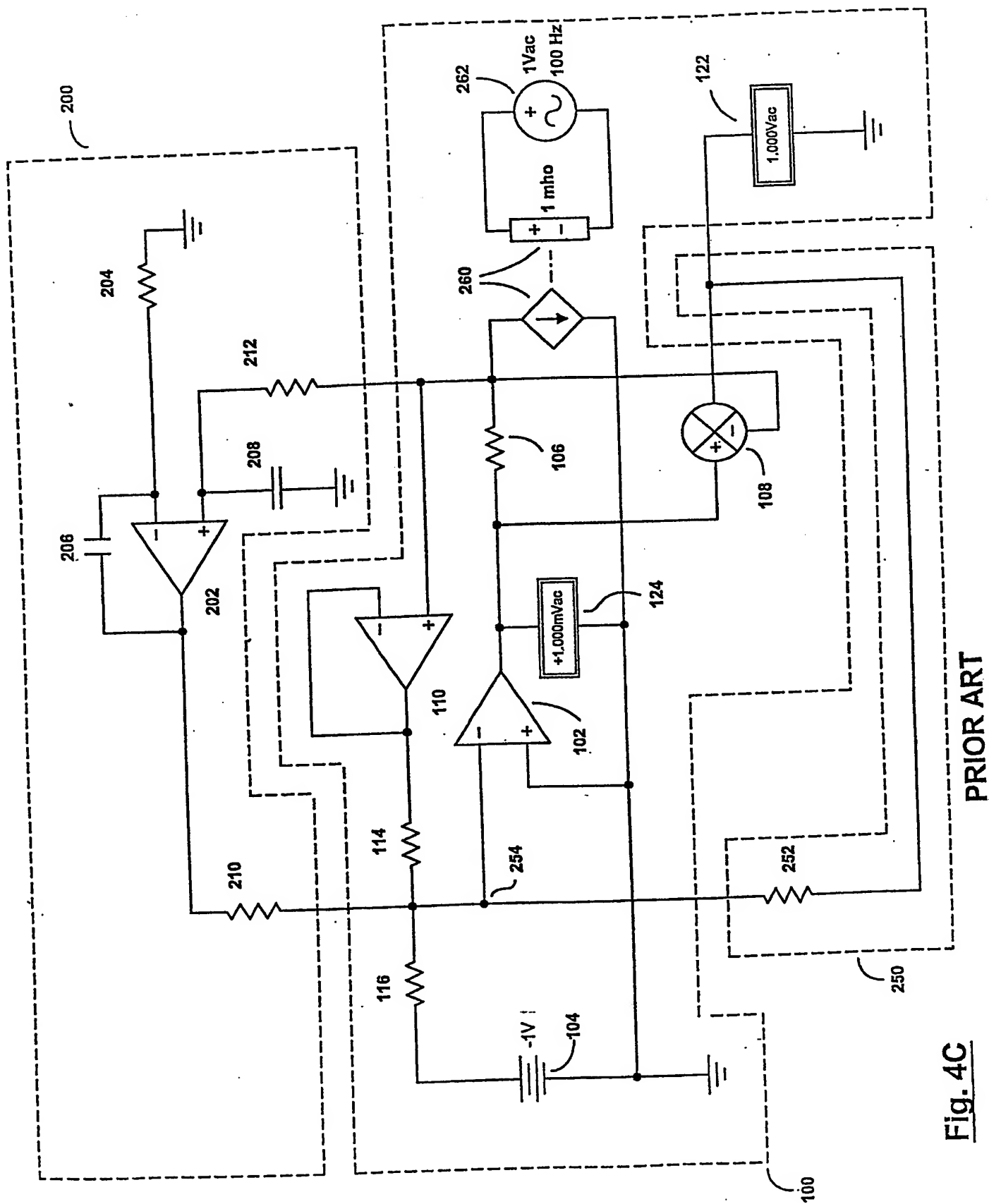


Fig. 4C

PRIOR ART

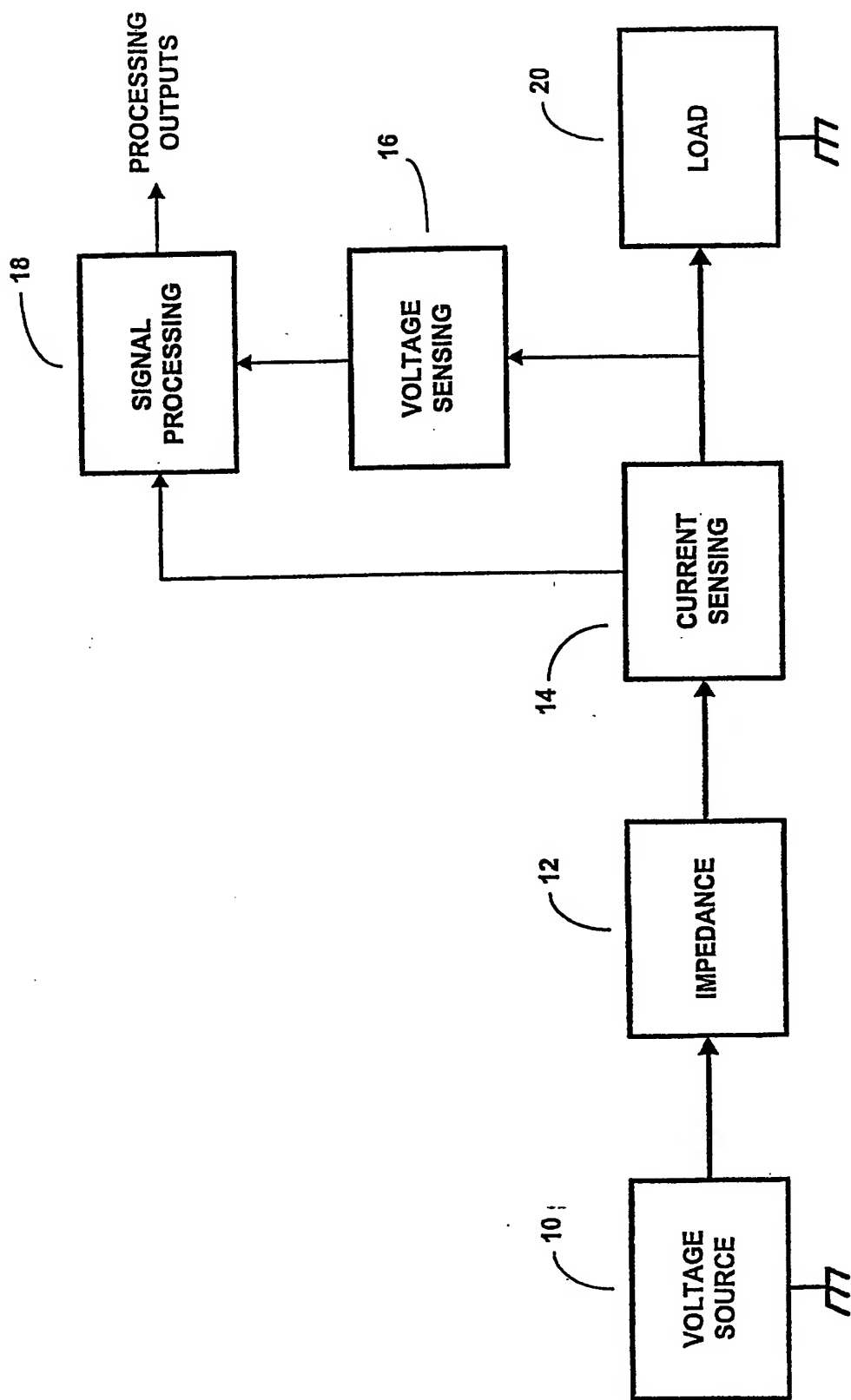


Fig. 5

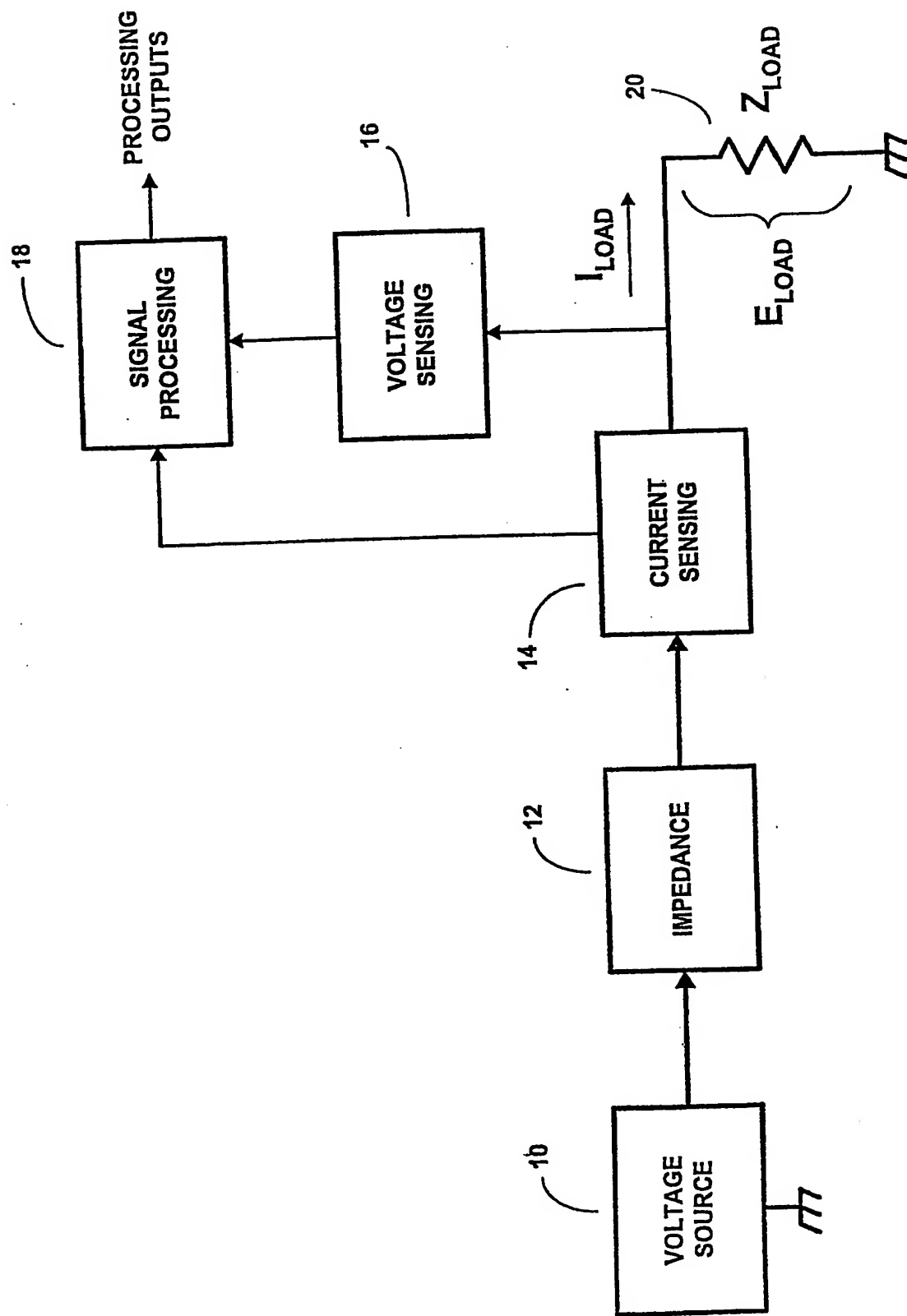
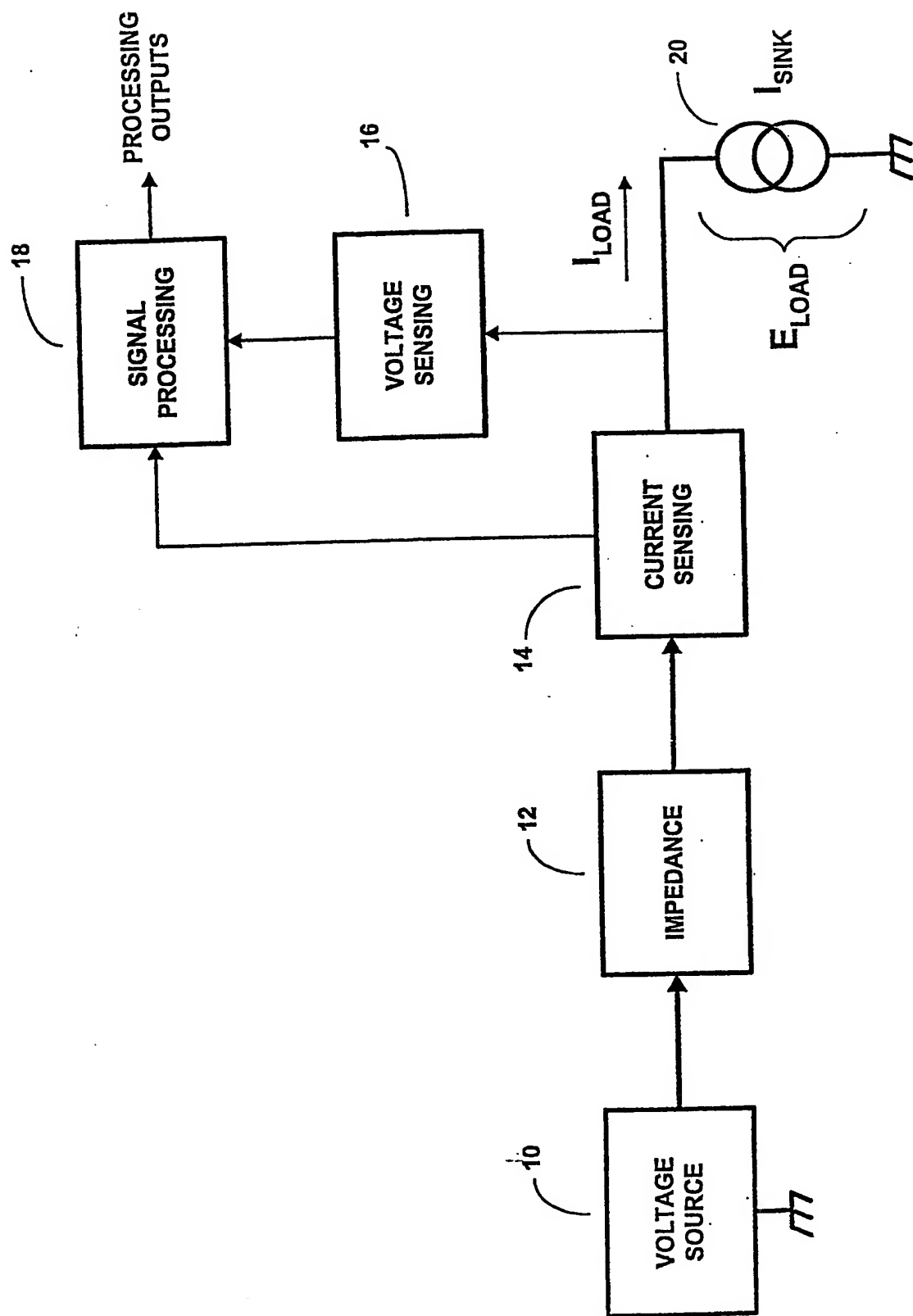
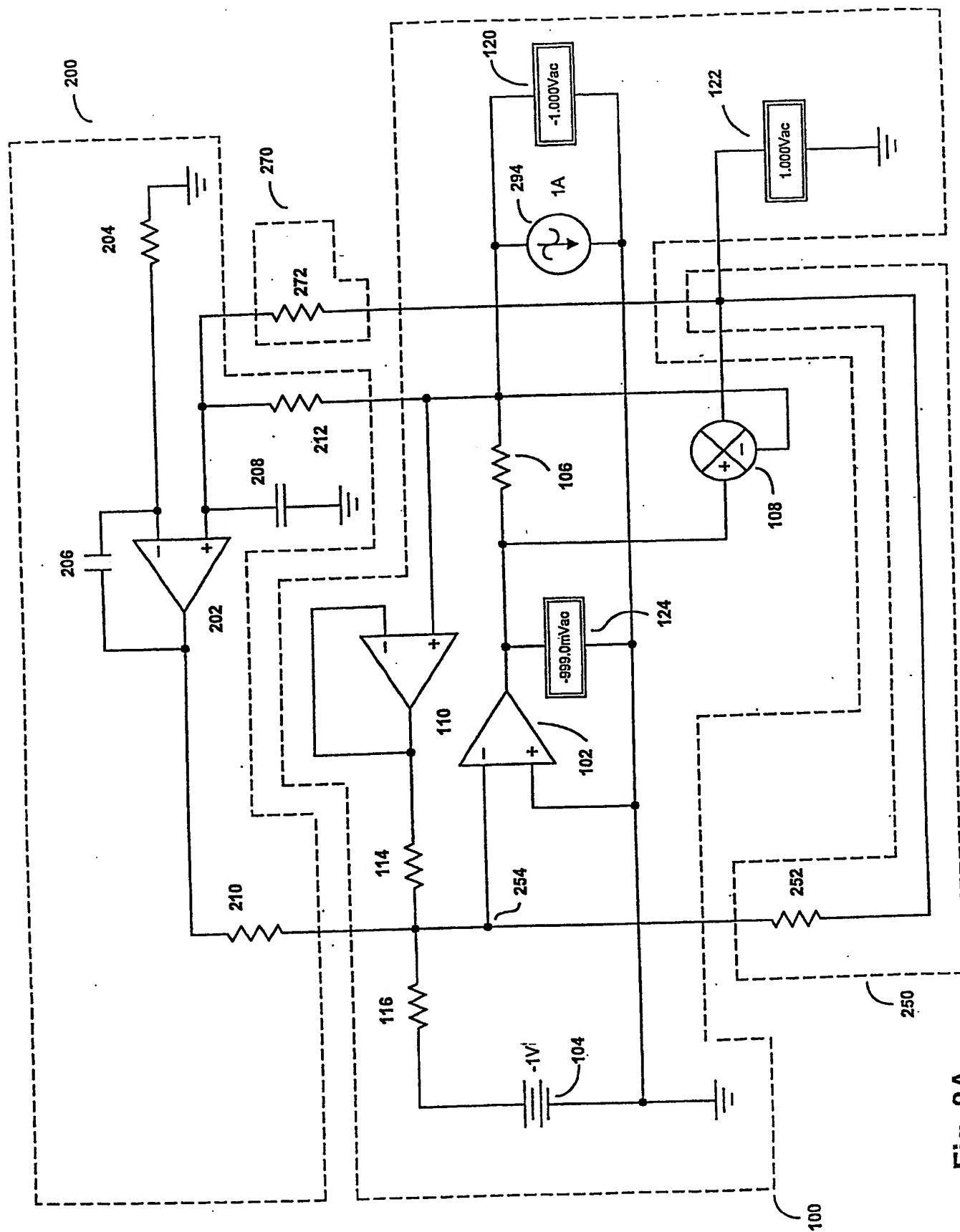


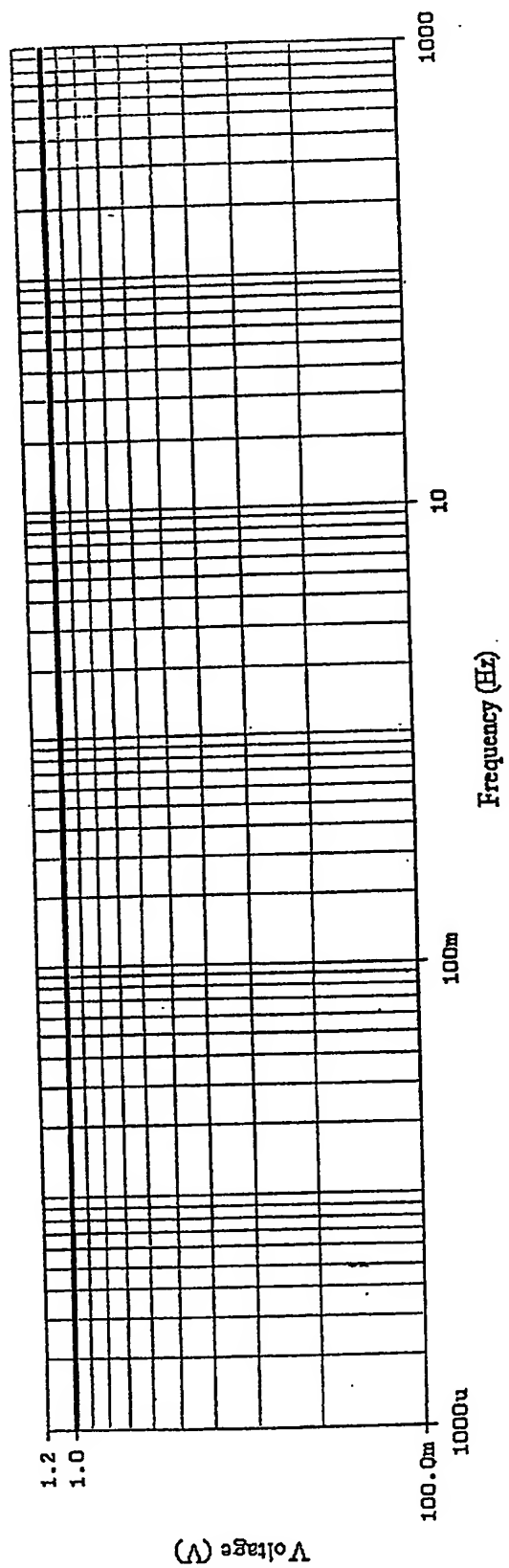
Fig. 6



**Fig. 7**



**Fig. 8A**



**Fig. 8B**

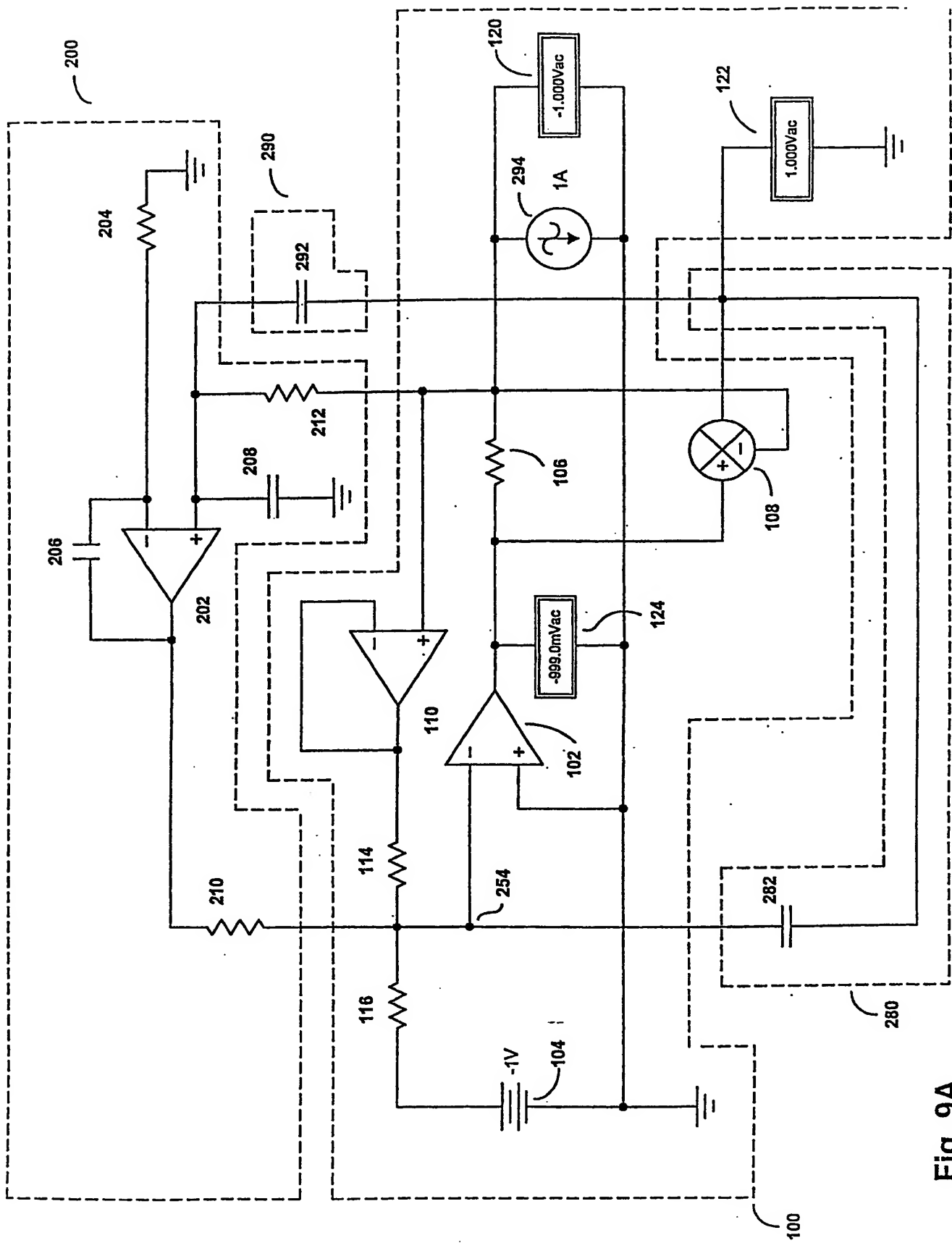
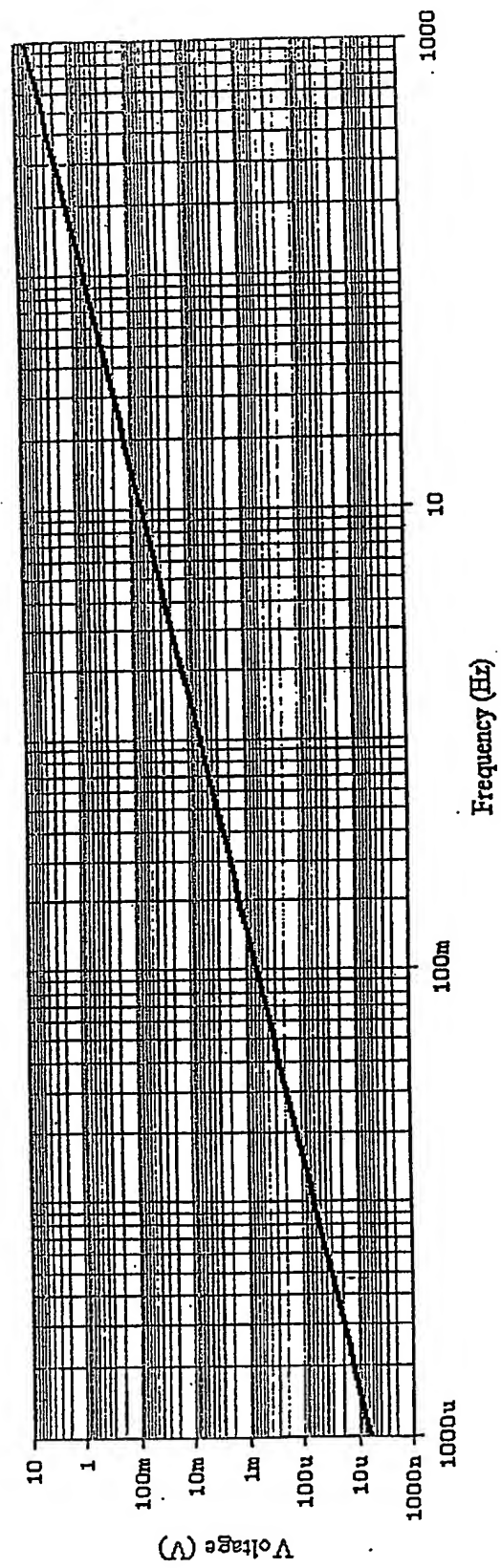


Fig. 9A





**Fig. 9B**

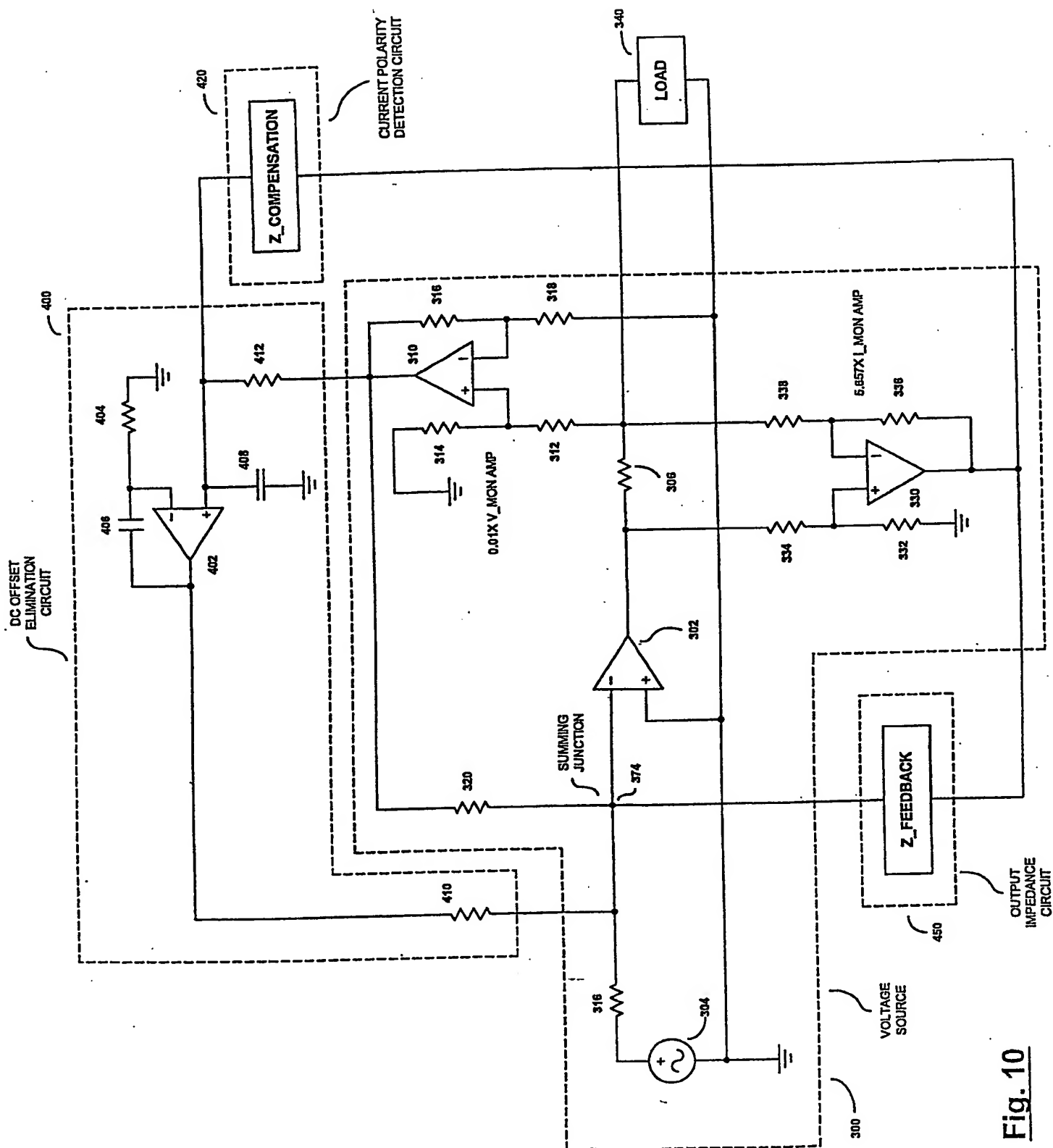


Fig. 10

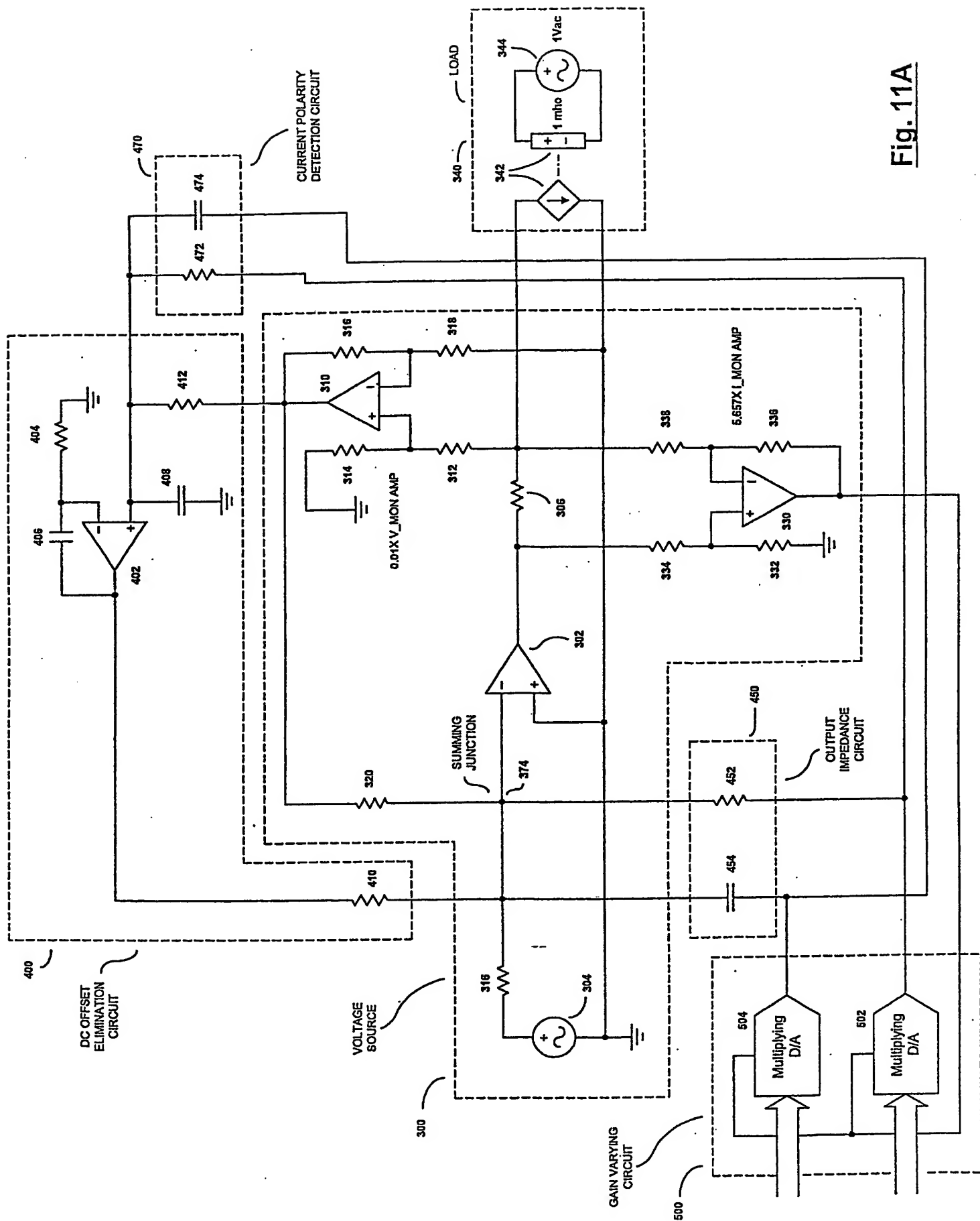
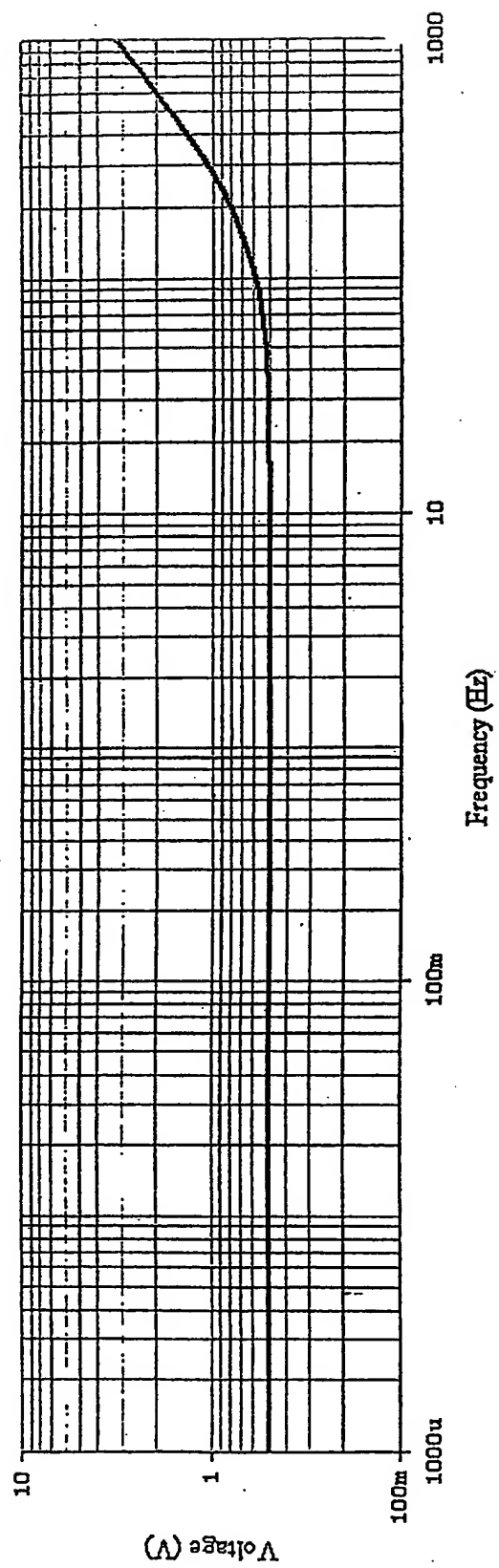


Fig. 11A



**Fig. 11B**